
ABSTRACT OF THE DISCLOSURE

A planographic printing plate precursor including: a support; and an image recording layer which is disposed on the support and contains a binder polymer, a polymerization initiator, a polymerizable compound, and an IR absorber. Upon exposure with a laser beam, an exposed portion of the image recording layer in the vicinity of the surface of the image recording layer is cured, and an exposed portion of the image recording layer in the vicinity of an interface between the image recording layer and the support is not cured. A developing rate of an unexposed portion of the image recording layer by an alkaline developer having a pH of 10 to 13.5 is preferably 100 nm/sec or more, and a permeation rate of the alkaline developer to an exposed portion of the image recording layer is preferably 100 nF/sec or less.